



PTO/SB/08a (08-03)

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**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

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Sheet

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of

5

**Complete if Known**

Application Number	10/561,324
Filing Date	February 20, 2005
First Named Inventor	Brian A. Kraynack
Art Unit	To Be Determined
Examiner Name	To Be Determined
Attorney Docket Number	ISIC0035-100 (CHEM0021 USA)

**U.S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication/Issue Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code <sup>2</sup> (if known)			
T.V.	AA	US-5,898,031	04-27-1999	Crooke et al.	
	AB	US-6,107,094	08-22-2000	Crooke et al.	
	AC	US-5,013,830	05-07-1991	Eiko	
	AD	US-5,149,797	09-22-1992	Pederson	
	AE	US-5,220,007	06-15-1993	Pederson	
	AF	US-5,256,775	10-26-1993	Froehler	
	AG	US-5,366,878	11-22-1994	Pederson	
	AH	US-5,403,711	04-04-1995	Walder	
	AI	US-5,491,133	02-13-1996	Walder	
	AJ	US-5,565,350	10-15-1996	Kmiec	
	AK	US-5,623,065	04-22-1997	Cook	
	AL	US-5,652,355	07-29-1997	Metlev	
	AM	US-5,652,356	07-29-1997	Agrawal	
	AN	US-5,700,922	12-23-1997	Cook	
	AO	US-4,981,957	01-01-1991	Lebleu	
	AP	US-5,118,800	06-02-1992	Fung	
	AQ	US-5,319,080	06-07-1994	Leumann	

**FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date/Filing Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> - Number <sup>4</sup> - Kind Code <sup>5</sup> (if known)				
T.V.	AR	WO 00/44895	08-03-2000	Kreutzer, et al.		
	AS	WO 00/49035	08-24-2000	General Hospital		
	AT	WO 00/63364	10-26-2000	Am. Home Prod.		
	AU	WO 01/36641	05-25-2001	Chiron Corp.		
	AV	WO 01/36646	05-25-2001	Cancer Res. Campaign Tech.		
	AW	WO 99/32619	07-01-1999	Carnegie Inst.		
	AX	WO 00/44914	08-03-2000	Med. Coll of Georgia		
	AY	WO 01/29058	04-26-2001	Univ of MA		
	AZ	WO 01/75164	10-11-2001	Whitehead Inst.		

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Substitute for form 1449A/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(Use as many sheets as necessary)</i>				<b>Complete if Known</b>	
				Application Number	10/561,324
				Filing Date	February 20, 2005
				First Named Inventor	Brian A. Kraynack
				Art Unit	To Be Determined
				Examiner Name	To Be Determined
				Attorney Docket Number	ISIC0035-100 (CHEM0021 USA)
Sheet	2	of	5		

## U.S. PATENT DOCUMENTS

Examiner Initials *	Cite No. <sup>1</sup>	Document Number	Publication/Issue Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code <sup>2</sup> (if known)			
T.V.	BA	US-5,359,044	10-25-1994	Cook	
	BB	US-5,393,878	02-28-1995	Leumann	
	BC	US-5,446,137	08-29-1995	Maag	
	BD	US-5,466,786	11-14-1995	Buhr	
	BE	US-5,514,785	05-07-1996	Van Ness	
	BF	US-5,519,134	05-21-1996	Acevedo	
	BG	US-5,567,811	10-22-1996	Misiura	
	BH	US-5,576,427	11-19-1996	Cook	
	BI	US-5,591,722	01-07-1997	Montgomery	
	BJ	US-5,597,909	01-28-1997	Urdea	
	BK	US-5,610,300	03-11-1997	Altmann	
	BL	US-5,627,053	05-06-1997	Usman	
	BM	US-5,639,873	06-17-1997	Barascut	
	BN	US-5,646,265	07-08-1997	Mcgee	
	BO	US-5,658,873	08-19-1997	Bertsch-Frank	
	BP	US-5,670,633	09-23-1997	Cook et al.	
	BQ	US-5,792,747	08-11-1998	Schally	
	BR	US-5,700,920	12-23-1997	Altmann	

## FOREIGN PATENT DOCUMENTS

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Examiner Signature		Date Considered	
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Sheet 3 of 5

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I.V.	BS	US-4,828,979	05-09-1989	Klevan	
	BT	US-4,948,882	08-14-1990	Ruth	
	BU	US-5,218,105	06-08-1993	Cook	
	BV	US-5,525,465	06-11-1996	Haralambidis	
	BW	US-5,541,313	07-30-1996	Ruth	
	BX	US-5,545,730	08-13-1996	Urdea	
	BY	US-5,552,538	09-13-1996	Urdea	
	BZ	US-5,578,717	11-26-1996	Urdea	
	CA	US-5,580,731	12-03-1996	Chang	
	CB	US-5,591,584	01-07-1997	Chang	
	CC	US-5,109,124	04-28-1992	Ramathandran	
	CD	US-5,118,802	06-02-1992	Smith	
	CE	US-5,138,045	08-11-1992	Cook	
	CF	US-5,414,077	05-09-1995	Lin	
	CG	US-5,486,603	01-23-1996	Bahr	
	CH	US-5,512,439	04-30-1996	Hornes	
	CI	US-5,578,718	11-26-1996	Cook	
	CJ	US-5,608,046	03-04-1997	Cook	

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Sheet 4 of 5

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Application Number	10/561,324
Filing Date	February 20, 2005
First Named Inventor	Brian A. Kraynack
Art Unit	To Be Determined
Examiner Name	To Be Determined
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T.V.	CK	US-4,587,044	05-06-1986	Miller	
	CL	US-4,605,735	08-12-1986	Miyoshi	
	CM	US-4,667,025	05-19-1987	Miyoshi	
	CN	US-4,762,779	08-09-1988	Snitman	
	CO	US-4,789,737	12-06-1988	Miyoshi	
	CP	US-4,824,941	04-25-1989	Gordon	
	CQ	US-4,835,263	05-30-1989	Nguyen	
	CR	US-4,876,335	10-24-1989	Yamane	
	CS	US-4,904,582	02-27-1990	Tullis	
	CT	US-4,958,013	09-18-1990	Letsinger	
	CU	US-5,082,830	01-21-1992	Brakel	
	CV	US-5,112,963	05-12-1992	Pieles	
	CW	US-5,214,136	05-25-1993	Lin	
	CX	US-5,082,830	01-21-1992	Brakel	
	CY	US-5,245,022	09-14-1993	Weis	
	CZ	US-5,254,469	10-19-1993	Warren	
	DA	US-5,258,506	11-02-1993	Urdea	
	DB	US-5,262,536	11-16-1993	Hobbs	
	DC	US-5,272,250	12-21-1993	Spielvogel	
	DD	US-5,292,873	03-08-1994	Rokita	
	DE	US-5,317,098	05-31-1994	Shizuya	
	DF	US-5,371,241	12-06-1994	Brush	
	DG	US-5,391,723	02-21-1995	Priest	
	DH	US-5,416,203	05-16-1995	Letsinger	
	DI	US-5,451,463	09-19-1995	Nelson	
	DJ	US-5,510,475	04-23-1996	Agrawal	
	DK	US-5,512,667	04-30-1996	Reed	
	DL	US-5,514,785	05-07-1996	Van Ness	
	DM	US-5,565,552	10-15-1996	Magda	
	DN	US-5,567,810	10-22-1996	Weis	
	DO	US-5,574,142	11-12-1996	Meyer	
	DP	US-5,585,481	12-17-1996	Arnold	
	DQ	US-5,587,371	12-24-1996	Sessler	
	DR	US-5,595,726	01-21-1997	Magda	
	DS	US-5,597,696	01-28-1997	Linn	
	DT	US-5,599,923	02-04-1997	Sessler	
	DU	US-5,599,925	02-04-1997	Torii	
	DV	US-5,688,941	11-18-1997	Cook	

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Sheet 5 of 5

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Application Number	10/561,324
Filing Date	February 20, 2005
First Named Inventor	Brian A. Kraynack
Art Unit	To Be Determined
Examiner Name	To Be Determined
Attorney Docket Number	ISIC0035-100 (CHEM0021 USA)

## **NON PATENT LITERATURE DOCUMENTS**

Examiner Initials *	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
/T.V./	DW	Boutla et al., "Short 5'-phosphorylated double-stranded RNAs induce RNA interference in <i>Drosophila</i> ," <i>Curr Biol</i> (2001) 11(22):1776-1780.	
	DX	Brantl "Antisense-RNA regulation and RNA interference," <i>Biochimica et Biophysica Acta</i> (2002) 1575(1-3):15-25.	
	DY	Chiu et al., "siRNA function in RNAi: a chemical modification analysis," <i>RNA</i> (2003) 9:1034-1048.	
	DZ	Elbashir et al., "RNA interference is mediated by 21- and 22-nucleotide RNAs," <i>Genes Dev</i> (2001) 15(2):188-200.	
	EA	Elbashir et al., "Duplexes of 21-nucleotide RNAs mediate RNA interference in cultured mammalian cells," <i>Nature</i> (2001) 411(6836):494-498.	
	EB	Elbashir et al., "Functional anatomy of siRNAs for mediating efficient RNAi in <i>Drosophila melanogaster</i> embryo lysate," <i>EMBO</i> (2001) 20(23):6877-6888.	
	EC	Martinez et al., "Single-stranded antisense siRNAs guide target RNA cleavage in RNAi," <i>Cell</i> (2002) 110(5):563-574.	
	ED	Mellitzer et al., "Spatial and temporal 'knock down' of gene expression by electroporation of double-stranded RNA and morpholinos into early postimplantation mouse embryos," <i>Mechanisms of Development</i> (2002) 118(1-2):57-63.	
	EE	Parrish et al., "Functional anatomy of a dsRNA trigger: differential requirement for the two trigger strands in RNA interference," <i>Molecular Cell</i> (2000) 6(5):1077-1087.	
	EF	Schwarz et al., "Evidence that siRNAs function as guides, not primers, in the <i>Drosophila</i> and human RNAi pathways," <i>Molecular Cell</i> (2002) 10(3):537-548.	
	EG	Tuschl et al., "Targeted mRNA degradation by double-stranded RNA in vitro," <i>Genes Dev</i> (1999) 13(24):3191-3197.	

Examiner  
Signature

/Tracy Vivlemore/

Date  
Considered

07/31/2008

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